

ACTIVE



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"

GENERAL	
*Structure #	*Site #: CK 2074
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: CHIPMUNK CRK	Kilometres: 8.3
*Project File ID#: 5127	*Br. 12
Built For: ☐ BC Timber Sales ☐ Operations Division ☐ Other Commercial Users ☐ Road Permit Holder ☐ Road Use Permit Holder	
*Source: ☐ Inherited: Found Structure ☐ Inherited: From Oil & Gas/ ☐ Inherited: Non-Status Road Other Ministry ☐ Inherited: Reallocation ☐ Inherited: Transfers from ☐ New Structure Other Ministries ☐ Replacement Structure	
Year Built:	Year Added to Inventory:
Current Load Rating GVW (tonnes): (PEng to enter / update this value on structure details screen in CBR)	Design Load Rating GVW (tonnes): (Typically obtained from design drawings)
Design Vehicle Configuration: ☐ BCL625 ☐ CL625 ☐ L100 ☐ L120 ☐ L150 ☐ L165 ☐ L45 ☐ L60 ☐ L75 ☐ L90 ☐ Other	
*Primary User Client Number:	*Client Location Code:
Primary User Name:	
As Built Information on File? ☐ Yes ☐ No	
Installation Cost (\$):	Material Cost (\$):
REPLACEMENT DETAILS	
Original Replacement (year):	Estimated Closure (year):
Light Vehicle Traffic Replacement (year):	*Full Log Haul Traffic Replacement (year): (PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR).
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

* Denotes Mandatory Information for Corporate Bridge Register

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STRUCTURAL DETAILS			
Number of Spans: <div style="text-align: center; font-size: 2em;">1</div>	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] <div style="text-align: center; font-size: 1.5em;">14.4</div>		
Number of Piers: <div style="text-align: center; font-size: 2em;">0</div>	Pier Type: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> ☐ Concrete ☐ Piles - Concrete ☐ Piles - Timber Treated ☐ Steel Column on Concrete Pad </div> <div> ☐ Crib - Timber ☐ Piles - Steel ☐ Piles - Timber Untreated </div> </div>		
Needle Beams? ☐ Yes ☒ No	Portable Structure? ☒ Yes ☐ No	Portable Superstructure Status: ☒ Installed ☐ Storage	
Portable Superstructure Storage Location:			
*Bridge Length (metres): <div style="text-align: center; font-size: 1.5em;">17.6</div>	*Superstructure: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> ☐ Compo Girders ☐ Concrete Cast in Place ☐ Concrete Slab Girders ☐ Log Stringer ☐ Steel I-Beam ☐ Timber-Treated Stringers </div> <div> ☐ Concrete Box Beam ☐ Concrete I/T Beam ☐ Glulam Girder ☐ Steel Box Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Untreated Stringers </div> <div> ☒ Rail Car ☐ Other </div> </div>		
*Deck Type: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> ☐ Concrete ☐ Concrete Removable ☐ Timber-Treated ☒ Timber-Treated Panels </div> <div> ☐ Concrete Composite ☐ Concrete - Steel Free ☐ Timber-Untreated ☐ Timber-Untreated Panels </div> <div> ☐ Gravel ☐ Steel ☐ Other </div> </div>			*Deck Width (metres): <div style="text-align: center; font-size: 1.5em;">4.9</div>
*Running Surface: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> ☐ Anti-Skid ☐ Asphalt ☐ Concrete ☐ Gravel ☐ Not Available ☒ Timber Planks </div>			
*Left Abutment: <div style="margin-top: 5px;"> ☐ Binwall ☐ Concrete Cast in Place ☒ Concrete Lock Blocks ☐ Concrete Precast ☐ Crib, Log or Untreated Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pad </div>		*Right Abutment: <div style="margin-top: 5px;"> ☐ Binwall ☐ Concrete Cast in Place ☒ Concrete Lock Blocks ☐ Concrete Precast ☐ Crib, Log or Untreated Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pad </div>	
Comments:			

**Routine Condition Bridge Inspection Form**
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION				(enter either long/lat or UTM below – not both)			
*Site #:	*Crossing Name:	*Type/Class:	☒ Temporary bridge ☐ Permanent bridge	*Project File ID#	S127		
*Structure #: CK-2074				*Br.	12		
*FSR Name:	*Forest District:	*Kilometres:		User km:			
CHIPMUNK CRK	Chilliwack	8.3					
Longitude: (ddd / mm / ss.s)	49 08 24.8	OR	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s)	121 41 44.1						
LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl., UR = Unrated							
Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)					
Alignment	E G <u>(F)</u> P UR						
Bridge Ahead Signs Missing	<u>(0)</u> 1 2						
Brushing Required	Yes <u>(No)</u>						
Delineator Missing Left	<u>(0)</u> 1 2						
Delineator Missing Right	<u>(0)</u> 1 2						
Fender Condition	<u>(E)</u> G F P None UR	NEW NO POST BARRIERS					
Posted Load Rating	— (tonnes) or None	NOT POSTED					
Road Surface	E <u>(G)</u> F P UR						
LEFT/RIGHT ABUTMENTS (as seen facing downstream)							
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)					
Log/Timber Cribs	E G F P <u>(N/A)</u> UR						
Tie-backs	E G F P <u>(N/A)</u> UR						
Bin Wall	E G F P <u>(N/A)</u> UR						
Concrete (cast in place; lock blocks, precast)	<u>(E)</u> G F P N/A UR	3 HIGH BLOCKS w/ GEORGIAN					
Caps or Sills	<u>(E)</u> G F P N/A UR	TREATED TIMBER					
Piles or Posts	E G F P <u>(N/A)</u> UR						
Ballast Wall	E G <u>(F)</u> P N/A UR	OLD LOGS.					
Wing Wall	<u>(E)</u> G F P N/A UR	LOCK BLOCK					
Bracing	E G F P <u>(N/A)</u> UR						
Hardware	E <u>(G)</u> F P N/A UR						
Fill	E <u>(G)</u> F P N/A UR						
Riprap	E <u>(G)</u> F P N/A UR						
Bearings	E <u>(G)</u> F P N/A UR						
Corrosion Protection	E G F P <u>(N/A)</u> UR						
Span 1 of 1 (spans are numbered consecutively starting from the left abutment)							
Use "Additional Spans" Sheet for Multiple Spans							
DECK							
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)					
Running Surface (N/A if running surface is gravel or timber planks)	E G F P <u>(N/A)</u> UR						
Running Planks	<u>(E)</u> G F P N/A UR	NEW 3" X 12" TREATED TIMBER PLANKS					
Sub-deck	<u>(E)</u> G F P N/A UR	NEW 2" X 12" TREATED TIMBER PLANKS					
Ties	<u>(E)</u> G F P N/A UR	250 X 250 mm Fd TIMBER TIES					
Nails	E <u>(G)</u> F P N/A UR						
Deck to Girder Bolts	E <u>(G)</u> F P N/A UR						
Concrete Deck	E G F P <u>(N/A)</u> UR						
Grout Pockets	E G F P <u>(N/A)</u> UR						
Deck Joints	E G F P <u>(N/A)</u> UR						
Steel Deck Plate	E G F P <u>(N/A)</u> UR						
Gravel Surface	E G F P <u>(N/A)</u> UR						
Gravel Deck Depth	— metres or <u>(N/A)</u>						
Curb Rail/Blocks/Posts	<u>(E)</u> G F P UR	NEW TIMBER PAIS					
Handrails/ Walkouts	E G F P <u>(N/A)</u> UR						
Hardware	E <u>(G)</u> F P N/A UR						
Overall Deck Condition	E <u>(G)</u> F P UR						

**Routine Condition Bridge Inspection Form**
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION			
*Site # <u>152074</u>		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G <u>(F)</u> P UR	<u>OLD RAIL CAR</u>	
Diaphragms	E G <u>(F)</u> P N/A UR		
Bracing	E G <u>(F)</u> P N/A UR		
Under-trussing	E G <u>(F)</u> P N/A UR		
Hardware	E G <u>(F)</u> P N/A UR		
Welded / Grouted Shear Connectors	E G F P <u>(N/A)</u> UR		
Stream CHANNEL			
*Est. Present Water Level Depth <u>0.5</u> (m)		*Est. Present Water Level Depth <u>1.6</u> (m)	*Est. Present Water Level Depth <u>1.6</u> (m)
HAZARDS (circle yes or no for each item)			
High Water?	Yes <u>(No)</u>	Scour?	Yes <u>(No)</u>
Ice?	Yes <u>(No)</u>	Debris?	Yes <u>(No)</u>
Aggradation?	Yes <u>(No)</u>		
Comments			
REPAIRS: ☐ Recommended ☐ Not required (H = High, M = Medium, L = Low)			
Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	<u>(H)</u> M L		<u>POST LOAD RATING FOR STRUCTURE</u>
2	H M L		
3	H M L		
*Monitoring Status: ☐ Recommended ☐ Not required			
Monitor Item #	*Monitor Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	<u>LEFT TO RIGHT</u>		<u>LEFT ABOUT</u>
	<u>RIGHT TO LEFT</u>		<u>FROM UPSTREAM</u>
	<u>RIGHT ABOUT</u>		<u>TIMBER SILLS</u>
	<u>FROM DOWNSTREAM</u>		
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>(No)</u>		P Eng Inspection Required? Yes <u>(No)</u>	
		Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): (P Eng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in CBR)	
*Date of Inspection (yyyy/mm/dd) <u>2010-08-13</u>	*Inspection Company Name <u>Onsite Engineering Ltd</u>	*Inspector's Name (print) <u>Ali Sadeghi</u>	Inspector's Signature
Inspector's Comments <u>NEW STRUCTURE IN GOOD CONDITION.</u>			
PROFESSIONAL ENGINEER (PENG) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): (P Eng to update structure details screen in CBR as necessary) <u>54</u>		Date of Next Planned Inspection (yyyy/mm/dd) <u>2012/09/01</u>	
Reviewer Company Name <u>Onsite Engineering LTD</u>	Reviewed by - P Eng's Name (print) <u>G. Dohm</u>	Reviewed by - P Eng's Signature 	Date Reviewed (yyyy/mm/dd) <u>2010/11/18</u>
P Eng Reviewer's Comments <u>Please post load rating sign.</u>			

* Denotes Mandatory Information for Corporate Bridge Register



CK2074 Timber Sills



CK2074 Right abutment



CK2074 Right to left



CK2074 From upstream

